FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV.,7-2005)

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

879A.0066.U1(US)

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/577539

INTERNATIONAL APPLICATION NO. PCT/FI2003/000803			INTERNATIONAL FILING DATE 29 October 2003	PRIORITY DATE CLAIMED 29 October 2003					
TITLE OF INVENTION									
Configurable Protocol Engine									
APPLICANT(S) FOR DO/EO/US									
Marko HANNIKAINEN, Petri KUKKALS, Timo D. HAMALAINEN									
Applic	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1.	\boxtimes	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.							
2.		This is a SECOND or SUBSEQUE	ENT submission of items concerning a submis	sion under 35 U.S.C. 371.					
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.							
4.		The US has been elected (Article 31).							
5 .	\boxtimes	A copy of the International Applica	ation as filed (35 U.S.C. 371 (c)(2))						
		a. 🗵 is attached hereto (requi	red only if not communicated by the Internation	onal Bureau).					
		b. has been communicated	by the International Bureau.						
••		c. is not required, as the ap	oplication was filed in the United States Receiv	ring Office (RO/US).					
6.		An English language translation of	f the International Application as filed (35 U.S.	C. 371(c)(2)).					
		a. is attached hereto.	~.\						
-		b. \square has been previously sub	mitted under 35 U.S.C. 154(d)(4).						
7.		Amendments to the claims of the	International Application under PCT Article 19	(35 U.S.C. 371 (c)(3))					
,		a. are attached hereto (required)	uired only if not communicated by the Internat	ional Bureau).					
		b. have been communicate	ed by the International Bureau.						
		c. have not been made; ho	wever, the time limit for making such amendm	ents has NOT expired.					
•		d. have not been made and	d will not be made.						
8.		An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).							
9.,		An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
10.		An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
11.		A copy of the International Preliminary Examination Report (PCT/IPEA/409).							
12.	\boxtimes								
lte	ms 1	3 to 23 below concern document	(s) or information included:						
13.	\boxtimes	An Information Disclosure Statem	nent under 37 CFR 1.97 and 1.98.						
14.			rding. A separate cover sheet in compliance v	with 37 CFR 3.28 and 3.31 is included.					
15.	\boxtimes	A FIRST preliminary amendment.							
16.		A SECOND or SUBSEQUENT pre	eliminary amendment.	-					
17.		A substitute specification.							
18.		A power of attorney and/or change of address letter.							
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.							
20.		A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
21.		A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).							
22.	\boxtimes	Express Mail Label No. EV	836 042 066 US						
			•						



PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION	N NO (if known, see	37 CFR 1.5)	INTERNATIONAL	APPL	ICATION NO).	ATTORNEY'S DOC	KET NUMBER	
10	15/12:	77	PCT/FI20	03/0	00803		879A.0066.I	J 1(US)	
23. Other iter	ms or information:								
	g fees have been s						CALCULATIONS	PTO USE	
24. 🖾 Basic n	ational fee					\$300	\$ \$300.00		
25. Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article \$0 All other situations\$200							\$ \$200.00		
26. Search fee (37 CFR 1.492(b)) If the written opinion f the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority							\$ \$400.00		
	L OF 24, 25 and					\$300	\$ \$900.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or fraction thereof (round up to a whole									
- 100 =	0 /50 =		0	-	× \$250	00	\$ \$0.00		
Surcharge of \$13	0.00 for furnishing		earch fee, examination he national stage (37)		or the oath		\$ \$0.00 \$		
CLAIMS	NUMBER F		NUMBER EXTRA		RATE				
Total claims	26	- 20 =	6	x	\$50.	.00	\$ \$300.00		
Independent clair	ns 4	- 3 =	1	x	\$200.	.00	\$ \$200.00		
MULTIPLE DEPE	ENDENT CLAIMS	if applicable) 🗆	+	\$360.	.00	\$ \$0.00		
		TOT	AL OF ABOVE CA	ALCI	ULATION	1 S =			
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						У	\$ \$0.00		
				S	UBTOTA	\L=	\$ \$1,400.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						om	\$ \$0.00		
TOTAL NATIONAL FEE =						E =	\$ \$1,400.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +							\$ \$0.00		
			TOTAL FEE	SE	NCLOSE	D =	\$ \$1,400.00		
				<u>-</u>			Amount to be	\$	
							Amount to be	\$	

a. X A check in the amount of \$ \$1,400.00	to cover the above fees is enclosed.	25 APR 2006					
b. Please charge my Deposit Account No. A duplicate copy of this sheet is enclosed.	in the amount of \$	to cover the above fees.					
	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.437(a) or (b)) must be filed and granted to restore the International Application to pending status.							
SEND ALL CORRESPONDENCE TO:	+-am	hmith					
Customer No. 29683	SIGNATURE						
Harrington & Smith, LLP	Harry F. Smith	Harry F. Smith					
4 Research Drive Shelton, CT 06484-6212	NAME	NAME					
(203) 925-9400	32,493	32,493					
	REGISTRATION NUMBER	₹					
	4 26 2006						
	DATE						

10/5/7539

Express Mail No. EV 836 042 066 US IN THE U.S. PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of: Applicant: Hännikäinen et al.

U.S. Serial No.:

International Application No.: PCT/FI2003/000803

International Filing Date: 29 October 2003

Title: Configurable Protocol Engine

Attorney Docket No.: 879A.0066.U1(US)

Certificate of Mailing

I hereby certify that the following correspondence:

Transmittal Letter to U.S. Designated/Elected Office

Preliminary Amendment

WO 2005/041527 A1 published application

Information Disclosure Statement with PTO-1449 and references

International Search Report

Check for \$ 1400.00

Self addressed stamped post card

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Mail Stop PCT.

Date: April 26, 2006

Lynn Maroldi